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ABSTRACT

A method of moving from a 3G CDMA data session to a 2G circuit switched data session. The high-speed packet data service option of IS-2000 (3G) does not support the older low-speed IS-95 traffic channels (2G). When a mobile station, having an established high-speed packet data service call, moves from an area of 3G coverage to an area where only 2G coverage is available or where ~~mixed~~ 2G/3G coverage is available and the 3G coverage is congested, the call is switched from a 3G IS-2000 high-speed packet data service call to an IS-95 circuit switched data service call or an IS-707-A-5 low-speed packet data service option. The 3G call may also be terminated and re-established as an 2G call re-routed using Mobile IP.